

Title (en)
METHOD AND SERVER FOR PROVIDING A MOBILE KEY

Title (de)
VERFAHREN UND SERVER ZUM BEREITSTELLEN EINES MOBILITÄTSSCHLÜSSELS

Title (fr)
SERVEUR ET PROCEDE POUR FOURNIR UNE CLE DE MOBILITE

Publication
EP 1943808 B1 20180131 (DE)

Application
EP 06819187 A 20061030

Priority
• EP 2006067930 W 20061030
• DE 102005052724 A 20051104
• DE 102006008745 A 20060224

Abstract (en)
[origin: WO2007051776A1] The invention relates to a method for providing at least one mobile key for the cryptographic protection of mobile signalling messages for a home agent, said method comprising the following steps: a radio link is established between a mobile subscriber terminal (1) and an access network (4), at which point in order to authenticate the subscriber, an authentication proxy server (8C) of an intermediate network (9) forwards at least one authentication message containing a subscriber identification between the access network (4) and a home network (12) of the subscriber and if authentication is given by an authentication server (11) of the home network (12), the authentication proxy server of the intermediate network assigns a group-specific mobile key to the subscriber identification, if the subscriber identification that is contained in the authentication message has already been stored in the authentication proxy server (8C); the home agent (8B) receives a registration request message originating from a subscriber terminal (1) and containing a subscriber identification; the home agent (8B) transmits a key request message for a mobile key to the relevant authentication proxy server (8C), said key request message containing the subscriber identification that was stored in the registration request message; and the authentication proxy server (8C) provides a mobile key for the home agent (8B), if the subscriber identification contained in the key request message matches one of the subscriber identifications that has been stored by the authentication proxy server (8C).

IPC 8 full level
G06F 21/00 (2013.01); **G06F 21/33** (2013.01); **H04L 9/08** (2006.01); **H04L 9/32** (2006.01); **H04L 29/06** (2006.01); **H04W 12/02** (2009.01); **H04W 12/04** (2009.01); **H04W 12/06** (2009.01); **H04W 80/04** (2009.01)

CPC (source: EP KR US)
H04L 9/0833 (2013.01 - EP US); **H04L 9/0891** (2013.01 - EP US); **H04L 9/32** (2013.01 - KR); **H04L 9/321** (2013.01 - EP US); **H04L 63/065** (2013.01 - EP US); **H04L 63/0884** (2013.01 - EP US); **H04W 12/037** (2021.01 - EP US); **H04W 12/04** (2013.01 - EP US); **H04L 63/08** (2013.01 - EP US); **H04L 2209/42** (2013.01 - EP US); **H04L 2209/76** (2013.01 - EP US); **H04L 2209/80** (2013.01 - EP US); **H04L 2463/061** (2013.01 - EP US); **H04W 12/06** (2013.01 - EP US); **H04W 12/61** (2021.01 - EP US); **H04W 80/04** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102006008745 A1 20070510; CN 101300815 A 20081105; CN 101300815 B 20121114; EP 1943808 A1 20080716; EP 1943808 B1 20180131; ES 2662591 T3 20180409; JP 2009515450 A 20090409; JP 4861426 B2 20120125; KR 101377186 B1 20140325; KR 20080068732 A 20080723; US 2009193253 A1 20090730; US 8477945 B2 20130702; WO 2007051776 A1 20070510

DOCDB simple family (application)
DE 102006008745 A 20060224; CN 200680041184 A 20061030; EP 06819187 A 20061030; EP 2006067930 W 20061030; ES 06819187 T 20061030; JP 2008539397 A 20061030; KR 20087013524 A 20080604; US 9269306 A 20061030